WEST Search History

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DATE: Monday, May 16, 2005

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L12	11 and snmp	0
☐	L11	L10 and 11	1
☐	L10	(pre$post) near5 (buffer$1)	14
☐	L9	11 and (switched near5 fabric)	4
☐	L8	11 and datagram	4
☐	L7	11 and subnet	3
☐	L6	L5 and traffic	3
☐	L5	L4 and node$1	6
☐	L4	L3 and host	10
☐	L3	11 and messages	28
☐	L2	11 and (queue near5 pair$1)	9
☐	L1	(buffer$1 and queue$).ti.	392

END OF SEARCH HISTORY

Hit List
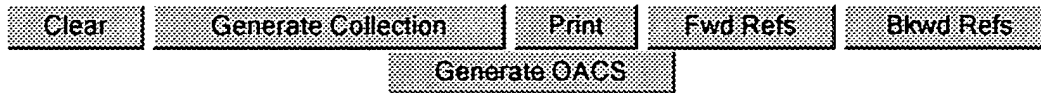
Search Results - Record(s) 1 through 9 of 9 returned.

☐ 1. Document ID: US 20030061417 A1

L2: Entry 1 of 9   File: PGPB   Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030061417
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030061417 A1

TITLE: Infiniband work and completion queue management via head and tail circular buffers with indirect work queue entries

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Craddock, David F.	New Paltz	NY	US	
Gregg, Thomas Anthony	Highland	NY	US	
Judd, Ian David	Winchester Hampshire	TX	GB	
Pfister, Gregory Francis	Austin	TX	US	
Recio, Renato John	Austin	NY	US	
Schmidt, Donald William	Stone Ridge		US	

US-CL-CURRENT: 710/54

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 2. Document ID: US 20030058875 A1

L2: Entry 2 of 9   File: PGPB   Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030058875
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030058875 A1

TITLE: Infiniband work and completion queue management via head only circular buffers

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Arndt, Richard Louis	Austin	TX	US	

Craddock, David F.	New Paltz	NY	US
Gregg, Thomas Anthony	Highland	NY	US
Judd, Ian David	Otterbourne	TX	GB
Pfister, Gregory Francis	Austin	TX	US
Recio, Renato John	Austin	NY	US
Schmidt, Donald William	Stone Ridge		US

US-CL-CURRENT: <u>370</u>/<u>412</u>; <u>370</u>/<u>328</u>

`| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De`

☐ 3.   Document ID: US 6789143 B2

L2: Entry 3 of 9   File: USPT   Sep 7, 2004

US-PAT-NO: 6789143
DOCUMENT-IDENTIFIER: US 6789143 B2

TITLE: Infiniband work and completion <u>queue</u> management via head and tail circular <u>buffers</u> with indirect work <u>queue</u> entries

DATE-ISSUED: September 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Craddock; David F.	New Paltz	NY		
Gregg; Thomas Anthony	Highland	NY		
Judd; Ian David	Winchester			GB
Pfister; Gregory Francis	Austin	TX		
Recio; Renato John	Austin	TX		
Schmidt; Donald William	Stone Ridge	NY		

US-CL-CURRENT: <u>710</u>/<u>54</u>; <u>710</u>/<u>52</u>, <u>710</u>/<u>57</u>, <u>711</u>/<u>147</u>, <u>711</u>/<u>153</u>, <u>711</u>/<u>173</u>

`| Full | Title | Citation | Front | Review | Classification | Date | Reference |          |          |           | Claims | KWIC | Draw De`

☐ 4.   Document ID: JP 2003216592 A

L2: Entry 4 of 9   File: JPAB   Jul 31, 2003

PUB-NO: JP02003216592A
DOCUMENT-IDENTIFIER: JP 2003216592 A
TITLE: METHOD AND DEVICE FOR MANAGING INFINIBAND WORK AND COMPLETION <u>QUEUE</u> VIA HEAD ONLY CIRCULAR <u>BUFFER</u>

PUBN-DATE: July 31, 2003

INVENTOR-INFORMATION:

NAME	COUNTRY

ARNDT, RICHARD LOUIS

CRADDOCK, DAVID F

GREGG, THOMAS A

JUDD, IAN DAVID

PFISTER, GREGORY FRANCIS

RECIO, RENATO JOHN

DONALD, WILLIAM SCHMIDT

INT-CL (IPC): G06 F 15/17

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D |

☐ 5.　Document ID: US 20040193811 A1

L2: Entry 5 of 9　　　　　　　　　　　　File: DWPI　　　　　　　Sep 30, 2004

DERWENT-ACC-NO: 2004-708953

DERWENT-WEEK: 200469

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TITLE: Queuing mechanism for client-server system, has multiple queue pairs, each having receive queue associated with buffers of shared receive queue

INVENTOR: CHADALAPAKA, M; CULLEY, P R ; GARCIA, D J ; HILLAND, J R

PRIORITY-DATA: 2003US-0401231 (March 27, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20040193811 A1	September 30, 2004		010	G06F012/00

INT-CL (IPC): G06 F 12/00

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D |

☐ 6.　Document ID: US 20030101158 A1

L2: Entry 6 of 9　　　　　　　　　　　　File: DWPI　　　　　　　May 29, 2003

DERWENT-ACC-NO: 2003-635378

DERWENT-WEEK: 200360

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TITLE: Data message managing method in local area network, involves posting client specified buffers at management queue pairs to receive incoming data message, if prepost buffers are specified for client

INVENTOR: PINTO, O P; SHAH, R R

PRIORITY-DATA: 2001US-0994779 (November 28, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20030101158 A1	May 29, 2003		018	G06F007/00

INT-CL (IPC): G06 F 7/00

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D |

☐ 7.   Document ID: US 6466993 B1

L2: Entry 7 of 9   File: DWPI   Oct 15, 2002

DERWENT-ACC-NO: 2003-045694
DERWENT-WEEK: 200304
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TITLE: Computer system has inbound and outbound queue structures with free-list and post-list buffers that are locally connected to host processor

INVENTOR: BONOLA, T J

PRIORITY-DATA: 1998US-0186540 (November 5, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 6466993 B1	October 15, 2002		020	G06F003/00

INT-CL (IPC): G06 F 3/00

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw De |

☐ 8.   Document ID: US 6377544 B1

L2: Entry 8 of 9   File: DWPI   Apr 23, 2002

DERWENT-ACC-NO: 2002-442665
DERWENT-WEEK: 200247
COPYRIGHT 2005 DERWENT INFORMATION LTD
TITLE: Data directing method e.g. for audio data, video data, involves computing amount of data to be routed across each link, as a function of difference between amount of data in each queue buffer of switch

INVENTOR: MUTHUKRISHNAN, S; SUEL, T

PRIORITY-DATA: 1998US-0136819 (August 20, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 6377544 B1	April 23, 2002		014	H04L012/26

INT-CL (IPC): H04 L 12/26; H04 L 12/56

Full | _Title_ | _Citation_ | _Front_ | _Review_ | _Classification_ | _Date_ | _Reference_ | Claims | KWIC | Draw-D

☐ 9. Document ID: US 6195335 B1

L2: Entry 9 of 9   File: DWPI   Feb 27, 2001

DERWENT-ACC-NO: 2001-326748
DERWENT-WEEK: 200134
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TITLE: Packet data switch in packet switched data communication systems, inhibits
selection of queues corresponding to input-output pairs for which respective cross
point buffer is full

INVENTOR: BASSO, C; CALVIGNAC, J ; ORSATTI, D ; TOUBOL, G ; VERPLANKEN, F

PRIORITY-DATA: 1997EP-0480041 (June 27, 1997)

PATENT-FAMILY:
PUB-NO   PUB-DATE   LANGUAGE   PAGES   MAIN-IPC
US 6195335 B1   February 27, 2001   008   H04L012/56

INT-CL (IPC): H04 L 12/56

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

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Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Term	Documents
QUEUE	63310
QUEUES	26526
PAIR$1	0
PAIR	2908966
PAIRA	95
PAIRB	19
PAIRC	34
PAIRD	51
PAIRE	241
PAIRF	28
(L1 AND (QUEUE NEAR5 PAIR$1)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	9

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| Generate OACS |
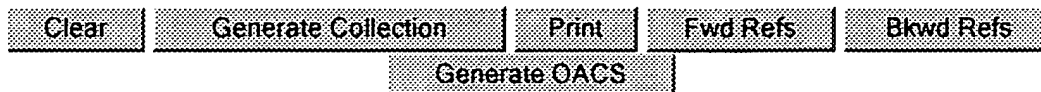
Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1.   Document ID: US 20030061417 A1

L9: Entry 1 of 4   File: PGPB   Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030061417
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030061417 A1

TITLE: Infiniband work and completion queue management via head and tail circular buffers with indirect work queue entries

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Craddock, David F.	New Paltz	NY	US	
Gregg, Thomas Anthony	Highland	NY	US	
Judd, Ian David	Winchester Hampshire	TX	GB	
Pfister, Gregory Francis	Austin	TX	US	
Recio, Renato John	Austin	NY	US	
Schmidt, Donald William	Stone Ridge		US	

US-CL-CURRENT: 710/54

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 2.   Document ID: US 20030058875 A1

L9: Entry 2 of 4   File: PGPB   Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030058875
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030058875 A1

TITLE: Infiniband work and completion queue management via head only circular buffers

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Arndt, Richard Louis	Austin	TX	US	

Craddock, David F.	New Paltz	NY	US
Gregg, Thomas Anthony	Highland	NY	US
Judd, Ian David	Otterbourne	TX	GB
Pfister, Gregory Francis	Austin	TX	US
Recio, Renato John	Austin	NY	US
Schmidt, Donald William	Stone Ridge		US

US-CL-CURRENT: <u>370</u>/<u>412</u>; <u>370</u>/<u>328</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De

☐ 3. Document ID: US 6789143 B2

L9: Entry 3 of 4   File: USPT   Sep 7, 2004

US-PAT-NO: 6789143
DOCUMENT-IDENTIFIER: US 6789143 B2

TITLE: Infiniband work and completion <u>queue</u> management via head and tail circular <u>buffers</u> with indirect work <u>queue</u> entries

DATE-ISSUED: September 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Craddock; David F.	New Paltz	NY		
Gregg; Thomas Anthony	Highland	NY		
Judd; Ian David	Winchester			GB
Pfister; Gregory Francis	Austin	TX		
Recio; Renato John	Austin	TX		
Schmidt; Donald William	Stone Ridge	NY		

US-CL-CURRENT: <u>710</u>/<u>54</u>; <u>710</u>/<u>52</u>, <u>710</u>/<u>57</u>, <u>711</u>/<u>147</u>, <u>711</u>/<u>153</u>, <u>711</u>/<u>173</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De

☐ 4. Document ID: US 6259698 B1

L9: Entry 4 of 4   File: USPT   Jul 10, 2001

US-PAT-NO: 6259698
DOCUMENT-IDENTIFIER: US 6259698 B1

TITLE: Input <u>buffer</u> controller using back-pressure signals in ATM switches and a method for determining the logical <u>queue</u> size

DATE-ISSUED: July 10, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shin; Jae-Jin	Kwangmyong			KR
Lee; Kyung-Geun	Sungnam			KR
Sung; Dan-Keun	Daejon			KR
Heo; Jeong-Won	Daejon			KR
Byun; Sung-Hyuk	Siheung			KR
Lee; Ju-Yong	Daegoo			KR
Yang; Jin-Woo	Busan			KR

US-CL-CURRENT: 370/395.7; 370/235

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw De |

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |

Term	Documents
SWITCHED	580629
SWITCHEDS	8
FABRIC	507588
FABRICS	161787
(1 AND (SWITCHED NEAR5 FABRIC)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	4
(L1 AND (SWITCHED NEAR5 FABRIC)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	4

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20030101158 A1

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L11: Entry 1 of 1              File: DWPI              May 29, 2003
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DERWENT-ACC-NO: 2003-635378
DERWENT-WEEK: 200360
COPYRIGHT 2005 DERWENT INFORMATION LTD
TITLE: Data message managing method in local area network, involves posting client
specified buffers at management queue pairs to receive incoming data message, if
prepost buffers are specified for client

INVENTOR: PINTO, O P; SHAH, R R

PRIORITY-DATA: 2001US-0994779 (November 28, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20030101158 A1	May 29, 2003		018	G06F007/00

INT-CL (IPC): G06 F 7/00

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw De |

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |

Term	Documents
(10 AND 1).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
(L10 AND L1).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1

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CiteSeer Find: buffer management queue pairs | Documents | Citations

Searching for **PHRASE buffer management queue pairs**.
Restrict to: Header Title Order by: Expected citations Hubs Usage Date Try: Google (CiteSeer)
Google (Web) Yahoo! MSN CSB DBLP
No documents match Boolean query. Trying non-Boolean relevance query.
500 documents found. **Order: relevance to query.**

Integration of Constraint Reasoning, and Simulation models in.. - Adhikary (Correct)
problem is an important part of forest resource **management**. It is a complex task requiring expertise and
called thrashing whereby the same variable-value **pair** that leads to no solution is instantiated over and
fas.sfu.ca/isl/papers/adhikary-integrating.ps.gz

IT Security and Smart Card Standards - Vesna Hassler (Correct)
eighteen elected member bodies. The Technical **Management** Board has twelve (1995) members appointed by
www.infosys.tuwien.ac.at/Staff/vh/papers/std.ps.gz

Predictive Workflow Management - Panagos, Rabinovich (1997) (Correct)
Predictive Workflow **Management** Euthimios Panagos and Michael Rabinovich AT&T
it includes any queuing time at the agent's work **queue** -such estimates can be easily extracted from
www.research.att.com/~thimios/papers/./ngits97.ps.Z

Satellite Atm Network Architectural Considerations And.. - Kota, Goyal, Jain (1997) (Correct) (3 citations)
drop policies to improve utilization, per-VC **buffer management** to improve fairness, and even minimum
policies to improve utilization, per-VC **buffer management** to improve fairness, and even minimum
ftp.netlab.ohio-state.edu/pub/jain/papers/kaband.ps

µDatabase: A Toolkit for Constructing Memory Mapped Databases - Buhr, Goel, Wai (1992) (Correct)
(2 citations)
performance advantage. Reduced Need for Explicit **Buffer Management** A sophisticated **buffer** manager is
applications such as CAD/CAM systems, text **management** and GIS [vO90]We argue that the performance
Query Results Leaf Requests Shared **Buffer Queue** Search Index Records Index diskN disk3 disk2
plg.uwaterloo.ca/pub/uDatabase/POS5.ps.gz

New Faster Kernighan-Lin-Type Graph-Partitioning Algorithms - Dutt (1993) (Correct) (3 citations)
in the ordered set S S can be implemented as two **queues** S 1 and S 2 ,into which the nodes u i and v j
of the Kernighan-Lin (K-L) algorithm to swap **pairs** of nodes to improve an existing partition of a
to search more than a certain subset of d 2 node **pairs** to find the node **pair** with the maximum swap gain.
www.eecs.uic.edu/~dutt/./papers/iccad93.ps

Canonical Conditional Rewrite Systems Containing Extra .. - Avenhaus.. (1993) (Correct) (1 citation)
is decidable and terminating. We develop a critical **pair** criterion to prove confluence if R is
strongly deterministic and all proper critical **pairs** are joinable. Note that no paramodulation **pairs**
pairs are joinable. Note that no paramodulation **pairs** (overlapping into the conditions) and no
www.ags.uni-sb.de/publications/deduktion/seki/SR-93/Avenhaus.SR-93-03.english.ps.Z

Generic Properties of Combinatory Maps - Neutral.. - Reidys, Stadler.. (1995) (Correct) (6 citations)
as lists of Watson-Crick (AU and GC) and GU base **pairs**. Base **pairing** and base **pair** stacking constitute
Watson-Crick (AU and GC) and GU base **pairs**. Base **pairing** and base **pair** stacking constitute the major
and GC) and GU base **pairs**. Base **pairing** and base **pair** stacking constitute the major contributions to the
www.tbi.univie.ac.at/papers/Abstracts/95-07-04.ps.gz

A Method for Analog Circuits Visualization - Arsintescu (Correct)
an algorithm capable of finding symmetrical **pairs** in a general circuit structure without user
one of them connected as a diode. ffl symmetrical **pair**: a **pair** of identical MOSTs connected with the same
them connected as a diode. ffl symmetrical **pair**: a **pair** of identical MOSTs connected with the same
donau.et.tudelft.nl/pub/bogdan/ICCD96-paper.ps.gz

Confluence of Terminating Conditional Rewrite Systems Revisited - Gramlich, Wirth (1996) (Correct)

to joinability of all (conditional) critical **pairs**. In other words, this means that variable
are terminating CTRSs which have joinable critical **pairs** but are not (locally) conAEuent. That means
conAEuent. That means joinability of all critical **pairs** does not suOEce any more for inferring conAEuence
ftp.loria.fr/pub/loria/protheo/COMMUNICATIONS_1996/Gramlich-rta96b.ps.gz

Tooling the Lexicon Acquisition Process for Large-Scale KBMT - Leavitt (1994)   (Correct)   (1 citation)
is critical, as a set of source-target translation **pairs** is not a sufficient lexicon for an interlingua
we developed a tool to align on-line document **pairs** and to facilitate extraction of terminology
from them. A corpus of source/target document **pairs** is collected and automatically aligned using
www.lti.cs.cmu.edu/Research/Kant/PostScript/take3.ps

Fine-granularity Locking and Client-Based Logging.. - Panagos, Biliris.. (1996)   (Correct)   (3 citations)
to the page server approach described in [6]The **buffer** managers of the clients and the server follow the
In this paper, we describe how local transaction **management** is carried out in a data shipping client-server
all shared locks held by the crashed client and **queues** any callback requests until the client recovers.
www.research.att.com/~biliris/publications/papers/96_edbt.ps

REDUCE: a prototypical cooperative editing system - Chengzheng Sun (1997)   (Correct)
as the local timers for flushing the input string **buffer** and for multicasting local status messages to
of the following major components: 1) A Session **Management** Handler (SMH)which is a thread inside the SS
www.cit.gu.edu.au/~scz/papers/hci97.ps.Z

Further Results in Affinity-Based Scheduling of Parallel.. - Salehi, Kurose, Towsley (1995)   (Correct)   (1 citation)
Thread Pool Packet **Queue** Available Processor Pool **Buffer** Pool P P 1 2 T T T 3 4 5 (a) b) c) Ip Udp Fddi
networking involves not only the concurrent **management** of protocol threads and available processors,
lower packet processing times and improved packet **queue**ing behavior. Finally, we show that the benefit
gaia.cs.umass.edu/pub/salehi/ca-tr2.ps.gz

Real-Time Computing with Lock-Free Shared Objects - Anderson, Ramamurthy, Jeffay (1997)   (Correct)
(11 citations)
mechanism based on waitfree read/write **buffers**. In their approach, all **buffer management** is
systems D.4.1 [Operating Systems]Process **Management** -concurrency,
either the "next" pointer of the last item in the **queue** or a head pointer, depending on whether the **queue**
archi.snu.ac.kr/yhbae/paper/lockfree/Anderson_TOCS-97.ps.gz

A Proposal For A User-Level, Message Passing Interface In.. - Dongarra, Hempel, al. (1993)   (Correct)
(25 citations)
: 6 3.1.4 **Buffer**ing of messages by the system :
www.epm.ornl.gov/~walker/mpi/papers/mpi1.ps.Z

An ACL2 Proof of Write Invalidate Cache Coherence - Moore (1998)   (Correct)   (3 citations)
out-of-order instruction issue with a reorder **buffer**, speculative execution and exceptions. Proofs are
Each element in an association list (or alist) is a **pair** consisting of a key and a datum. The key is said
to values. A cache is an alist binding addresses to **pairs** of the form (value f lag)Such **pairs** are called
www.cs.utexas.edu/users/moore/publications/wicache.ps.Z

A comparison of Protection Lookaside Buffers and the PA-RISC.. - Wilkes, Sears (1992)   (Correct)   (5 citations)
Report A comparison of Protection Lookaside **Buffers** and the PA-RISC protection architecture John
encode the access types allowed, and a further two **pairs** of two bits to identify the privilege levels.
server it is accessing. Such communication can be **pair**wise or N-way, depending on the intent. In such
www.hpl.hp.com/research/itc/csl/ssp/papers/HPL-92-55.ps.Z

Decomposition methods for differentiable optimization problems.. - Patriksson (1997)   (Correct)   (1 citation)
that should be introduced to reach some traffic **management** goal without imposing a centralized traffic
of the overhead caused by the handling of the task **queue** [73]We want to enforce the parallel CA
or spatial price equilibrium problem [48]or **pairs** of origins and destinations in a transportation
www.math.liu.se/~mipat/.LATEX/COAP.ps.Z

Information Resource Dictionary System Standards And Support For.. - Byrne   (Correct)
IRDS standard framework uses regular Database **Management** System (DBMS) facilities as its base and also
may be stored in the level underneath. The 'level **pairs**' referred to in the standard are the **pairs** that

'level **pairs**' referred to in the standard are the **pairs** that make up this type and instance **pair**. The
www.uni-koblenz.de/fb4/publikationen/gelbereihe/RR-14-97/byrne.ps.gz

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Restrict to: <u>Header</u> <u>Title</u> Order by: <u>Expected citations</u> <u>Hubs</u> <u>Usage</u> <u>Date</u> Try: <u>Google (CiteSeer)</u>
<u>Google (Web)</u> <u>Yahoo!</u> <u>MSN</u> <u>CSB</u> <u>DBLP</u>
No documents match Boolean query. Trying non-Boolean relevance query.
500 documents found. **Order: relevance to query.**

<u>Measuring the Capacity of a Web Server - Banga, Druschel (1997)</u> (Correct) (62 citations)
Router Web Clients Web Server Figure 3: Testbed **Architecture** In this section, we describe the design of a
and places it in the listen socket's SYN-RCVD **queue**. Later, when the client responds with an ACK
mechanism. 4.2 S-Clients A S-Client consists of a **pair** of processes connected by a Unix domain
www.cs.rice.edu/~gaurav/papers/web-paper.ps

<u>Priority Ethernets: Multimedia Support on Local Area Networks - Adelstein, Singhal (1994)</u> (Correct) (1 citation)
used interchangeably. Each node has two priority **queues**, called priority and pending. Each element in
dri.cornell.edu/pub/frank/papers/ismm94.ps.gz

<u>Efficient Low-Contention Parallel Algorithms - Gibbons (1994)</u> (Correct) (16 citations)
Proc. 7th ACM Symp. on Parallel Algorithms and **Architectures**, pages 84-94, July 1995. BH85] A. Borodin
78712 vlr@cs.utexas.edu May 21, 1996 Abstract The **queue**-read, **queue**-write (qrqw) parallel random access
p n keys, 2) sort the sample by comparing all **pairs** of keys, 3) each item determines by binary
www.bell-labs.com/user/matias/papers/qrqw2.ps

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runtime system provides support for thread **management**, as well as a global address space spanning the
solved using a scheduling data structure, a stack, **queue**, or priority **queue** in sequential programs. The
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while others are not. As the **queues** build up, **management** assigns additional officers to the unmanned
airport, department stores, and more) parallel **queues** are formed in front of control stations.
each customer in the system can be represented by a **pair** (i j)where 0 i N \Gamma 1 is the number of
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to or from storage devices and application **buffers**. Conversely, small requests are better served by
mechanisms that select and configure resource **management** algorithms automatically, based on observed
file cache hit ratios, input/output server timings, **queue** lengths and delays, and prefetch initiation
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The CINEMA (Configurable INtEgrated Multimedia **Architecture**) system is such a middleware layer which
System and Network Services (e.g. Scheduling, **Buffer** Mngt.Data Communication) ApplicationOriented
reservation, synchronization and configuration **management**. By that, the gap between system services of
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or user interface. In some cases, a new **architecture** can be developed, for example to convert a
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Area. Treaties between Oz sites are set up on a **pair**wise basis that is neither symmetric nor
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speed) we found encouraging results. 2 **Architecture** The hierarchical structure of our Sundial
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(i.e.infrastructure) such as a client-server **architecture**, DBMSs and CASE. We illustrate the methods
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that contribute to the final results: machine **architecture**, network protocol software, network card in
set both the sending and receiving side kernel **buffers** at 64K bytes (maximum allowed on the RS6000s,
the set of all participating hosts. ffl Bandwidth/**Pair** of processes: the average bandwidth each
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[4, 6]Today, short sequences of DNA (500 base **pairs**) can be generated semiautomatically, using
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images for the next stage 1 The word **buffer** is fed into the wholistic filter whose purpose is
between the syntactic categories represented by **pairs** (or n-tuples) of entities in the candidate
probabilities P (W ord j Tag) for each word/tag **pair**. First order transition statistics were collected
www.cedar.buffalo.edu/~rohini/Postscript/ijcai93.ps.Z

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protocol stack. Figure 2 shows the **architecture** of a **pair** of model workstations. In STCP,
We test the hypothesis that UBR with adequate **buffer**ing in the ATM switches results in better overall
Apr. 1991. 5] ATM Forum, ATM Forum Traffic **Management** Specification version 4.0, revision 10,
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are implemented quite efficiently on existing **architectures**. There are two reasons that one should always
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most naturally in terms of the set of all distinct **pairs** of points, along with the Euclidean distance
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to particular destinations. The Unified routing **architecture** [9] uses a combination of **PAIRS** based
path-attribute based, independent, route selection (**PAIRS**)1 to describe this type of distributed
route computation. A simplified description of **PAIRS** follows. Each domain receives one or more routes
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1.1 we introduce the output-**buffer**ed switch **architecture** and show how the contended resources, i.e.
sharing of network resources (e.g. switch **buffers** and transmission bandwidth) among users.
of the output line **buffer**. upper bound on the **queue**ing delay can be guaranteed. This provides a way
www.cl.cam.ac.uk/Research/SRG/measure/papers/entropy/hsu.dynamic-bw-alloc.ps.gz

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[1] Asit Dan and Dinkar Sitaram. **Buffer management** policy for an on-demand video server. Technical
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which usually imposes a constraint on the play-out **buffer** size at the receiver end. Therefore the
[1] ATM Forum Technical Committee, Traffic **Management** Specification, Version 4.0"ATM Forum
through the switch with a minimum deterministic **queue**ing delay. The cells from a common VC would
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off between a continuum of stereoscopic image **pairs** with both less than the extreme stereoscopic
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time update X in main memory Redo Rule: flush log **buffer** to nonvolatile log checkpoint X (clean, no
and Development Committee of the Community **Management** Staff. Efficient Redo Processing in Main
the log. A begin-chkpt-record and end-chkpt-record **pair** defines a complete checkpoint interval. Since all
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video rate control which employs a transmission **buffer** for constant bit rate video transmission. A
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(2 citations)
VIA interface is already included in the latest **InfiniBand Architecture** (IBA) 3] as the Verbs layer. 1
standard in terms of the Virtual Interface **Architecture** (VIA) 13]An extension to the VIA interface
send the frame. The transfer is made in the send **buffer** which is updated after each transfer. This set of
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of Computer Science Institute for System **Architecture** by Dipl.Inform. Sebastian Schonberg born
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idea behind upcoming I/O approaches, such as the **Infiniband architecture** [22]data are transferred from
COTS and custom hardware components. Software **architecture** involves the description of elements from
that are outlined in figure 2. The inbound **queue buffers** messages that originate from the host and the
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10]It has also led to the development of the **InfiniBand Architecture** (IBA) 1]These developments are
Sockets, User-level protocol, Interprocessor **Architecture** 1 Introduction Networks of Workstations
so on. EMP is a zero-copy protocol as there is no **buffering** of the message at either the NIC or the host,
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DMA operations using descriptors pointing to DMA **buffers**. Typically, the Linux NIC driver allocates DMA
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adapter using the **Queue Pair** model of the **Infiniband** TM **Architecture** [4]The TCP Servers project
applications. The first component is the ETA **architecture** developed at Intel Labs, where one or more
the socket connection interfaces, and support the **buffering** semantics of TCP streams. Each DTI consists of
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VIA features are also included in the emerging **InfiniBand Architecture** IBA) 2]The VI **architecture**
Suite for Evaluating Virtual Interface **Architecture** (VIA) Implementations M. Banikazemi J. Liu S.
results. Similarly, a latency test where **buffers** are reused will have significant difference in
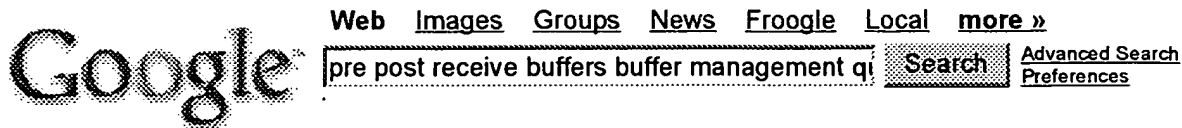ftp.cis.ohio-state.edu/pub/communication/papers/ipdps01-VIBe.pdf

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and Systems (USITS `01) CSP: A Novel System **Architecture** for Scalable Internet and Communication
the complexity of session **management** and TCP data **buffering** to the web-switch. We have observed an
discolab.rutgers.edu/classes/labmeeting/papers/csp-usits01.pdf

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onto a heterogeneous hardware/software **architecture**. This problem requires (1) the selection of
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Patent 5299313: Network interface with host independent **buffer** ...
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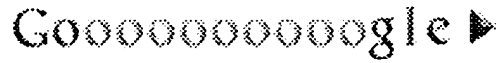
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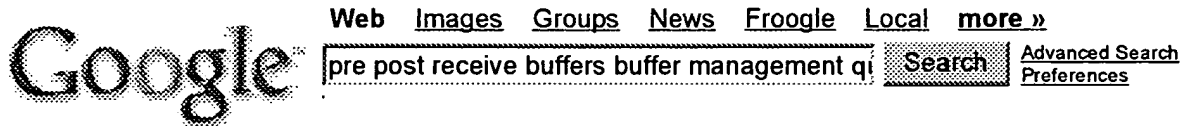
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